Samsung LTE Mobile HotSpot PRO

L T E M O B I L E H O T S P O T

User Manual

Please read this manual before operating your device and keep it for future reference.

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Section 1: Getting Started

Understanding this User Manual

The sections of this manual is laid out to assist your with setup and follow the UI features of your device.

A robust index for features begins on page 71.

Also included is important safety information, beginning on page 46, that you should know before using your device.

This manual gives navigation instructions according to the default display settings.

Before using your device for the first time, you'll need to install and charge the battery and install the micro SIM card.

The micro SIM card is loaded with your subscription details, such as your PIN, available optional services, and many other features.

Unless otherwise specified, all instructions in this manual assume you are starting from the Home screen.

Note: Instructions in this manual are based on default settings, and may vary from your device, depending on the software version on your device, and any changes to the device's Settings.

Unless stated otherwise, instructions in this User Manual start with the device at the Home screen.

All screen images in this manual are simulated. Actual displays may vary, depending on the software version of your device and any changes to the device's firmware.

Special Text

Throughout this manual, you'll find text that is set apart from the rest. These are intended to point out important information, share quick methods for activating features, to define terms, and more. The definitions for these methods are as follows:

- **Notes**: Presents alternative options for the current feature, menu, or sub-menu.
- **Tips**: Provides quick or innovative methods, or useful shortcuts.
- **Important**: Points out important information about the current feature that could affect performance.
- **Warning**: Brings to your attention important information to prevent loss of data or functionality, or even prevent damage to your phone.

Text Conventions

This manual provides condensed information about how to use your device. To make this possible, the following text conventions are used to represent often-used steps:

→	Arrows are used to represent the sequence of selecting successive options in longer, or repetitive, procedures.

Note: From the Web portal home screen, select → **Messaging** tab.

Setting Up Your Device

These steps take you through an out-of-the-box setup process. These procedures are intended to help you get your device setup, activated, and assist you with your initial connection.

Removing the Back Cover

1. Hold the device firmly and locate the cover release latch (1).
2. Place your fingernail in the groove and firmly “pop” the cover off the device (2).

Important! Before removing or replacing the battery cover, make sure the device is switched off. To turn the device off, hold down the key.

Installing the 4G LTE microSIM Card

- With the battery removed, carefully slide the microSIM card into the SIM card slot until it “clicks” into place with the label side facing up.

Important! The 4G LTE microSIM Card MUST remain in the device when in use.

Caution! Do not bend or scratch your microSIM Card. Avoid exposing it to static electricity, water, or dirt.

Removing the 4G LTE microSIM Card

1. Remove the battery and cover (page 7).
2. Carefully slide the 4G LTE SIM card out of the SIM card socket.

Important! If your SIM card is ever separated from the device or damaged, your device will not function.

If you experience any issues with your device, visit us at: http://support.t-mobile.com/welcome or contact Customer Service at **1-877-453-1304** or visit your nearest U.S. T-Mobile® retail location.

Installing the Battery

Your device is powered by a rechargeable, standard Li-Ion battery. A Wall/USB Charger (Charging Head and USB cable) are included with the device, for charging the battery.

Note: The battery comes partially charged. You must fully charge the battery before using your device for the first time.

After the first charge, you can use the device while charging.

Important! Before removing or replacing the battery cover, make sure the device is switched off. To turn the device off, hold down the key.

1. Insert the battery as shown, making sure to align the gold contacts (1).
2. Press down gently to secure the battery (2).

Removing the Battery

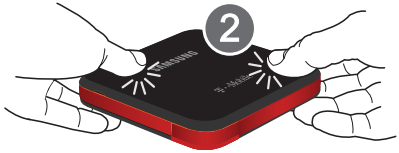
- Grip the battery at the top end (3) and lift it up and out of the battery compartment (4).

Installing Battery

Removing Battery

Replacing the Back Cover

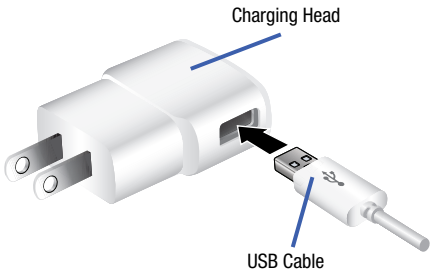
1. Position the battery cover over the battery compartment (1).
2. Press down firmly along the edges of the cover (2).



Charging the Battery

Your device is powered by a rechargeable Li-ion battery. A wall charger, which is used for charging the battery, is included with your device. Use only approved batteries and chargers. Ask your local Samsung dealer for further details.

Before using your device for the first time, you must fully charge the battery.



Note: Verify that the battery is installed prior to connecting the wall charger. If both the wall charger is connected and the battery is not installed, the device can power cycle continuously and prevent proper operation. Failure to unplug the wall charger before you remove the battery, can cause the device to become damaged.

Important! It is recommended you fully charge the battery before using your device for the first time.

1. Connect the USB cable to the charging head.
2. Locate the Charging port.
3. Insert the USB cable into the device's Charger/ Accessory jack.
4. Plug the charging head into a standard AC power outlet. The device turns on and indicates both its charge state and percent of charge.

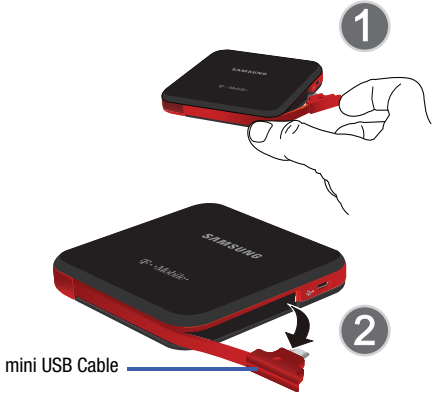
Warning! While the device is charging, if the screen does not function due to an unstable power supply unplug the USB power adapter from the power outlet or unplug the USB cable from the device.

5. When charging is finished, first unplug the charger's power plug from the AC wall outlet, then disconnect the charger's connector from the device.

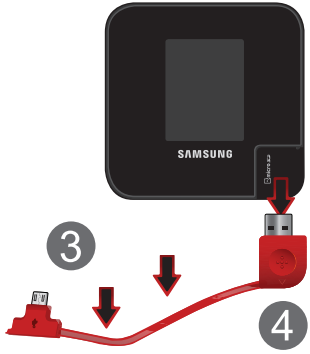
Installing the Optional microSD Memory Card

Note: The installation of an optional microSD card can provide additional storage and access to additional files such as document, image, and other multimedia content.

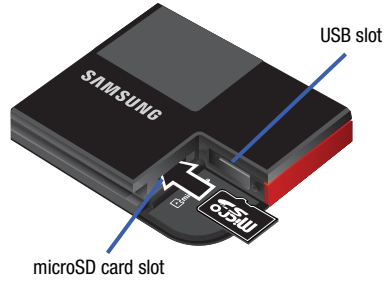
1. Using your fingertip (1), slide the mini USB connector out from its current location (2).



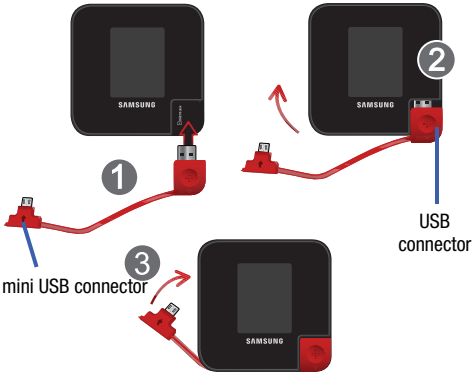
2. Pull the cable all the way round the unit (3) and then carefully remove the other USB connector from its slot (4). This action exposes the internal microSD card slot.



3. Slide the memory card into the card slot until it “clicks” into place.



4. Replace the USB cable firmly into its corresponding slot (1).

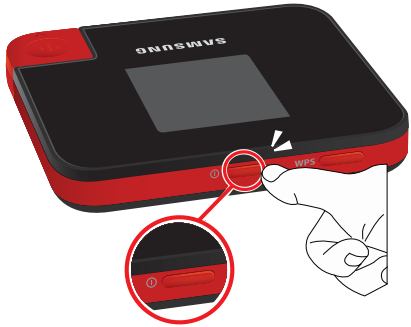


5. Pull the cable around the side of the device (2) and carefully re-insert the mini USB connector back into its corresponding slot (3).

Turning Your Device On and Off

Turning Your Device On

- Press and hold (**Power**) to turn the device on.



Turning Your Device Off

- With the device on, press and hold (**Power**) to turn the device off.

Factory Reset of Your Device

Resetting your device restores all factory defaults. You may need to reset your device if you cannot connect device(s) to your Wi-Fi HotSpot or can not regain access to the Web portal.

1. Locate the **Power** and **WPS** keys along the top of the device.
2. Press and hold these two keys for 5 seconds to display an on-screen Factory Reset message.
3. Press the **Power** key to reset the device. Once completed, the power should recycle and the main screen will re-appear.

   – or –

   Press the **WPS** key to cancel the reset operation.

Section 2: Understanding Your Device

This section outlines key features of your device. It also describes the device's keys, screen and the icons that display when the device is in use.

Features of Your Device

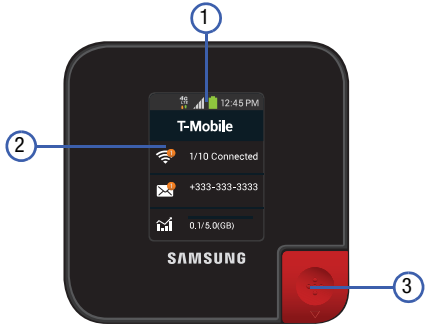
Your device is lightweight, easy-to-use and offers many significant features. The following list outlines a few of the features included in your device.

- Delivers data speeds faster than the current 3G network technology by using 4G LTE
- Wi-Fi ® Capability
- Able to receive and send text messages via Web Portal
- Expandable memory slot - supports up to 64GB microSD
- Portable Wi-Fi HotSpot and USB Tethering-capability

Front View

The following illustrations show the main elements of your device. The following list correlates to the illustrations.

1. **Notification bar** shows information about the connection status, signal strength, battery level, and time, and displays notifications about incoming messages, and other action



2. **Display** shows all the information needed to operate your device, such as the number of wirelessly connected devices, number of received messages (along with date, time and phone number), and data usage.
3. **USB Connector** provides a direct connection for USB-capable devices using this connector type.

Side Views

The following illustration shows the side elements:

1. **Power key** ends switches the phone off and on.
2. **WPS key** allows you to pair with devices currently using a WPS connection. The WPS (Wi-Fi Protected Setup) feature allows you to pair your Wi-Fi-capable device without the need for entering a passcode. This process is similar to Wi-Fi Direct pairing.
3. **Charging Port** allows you to connect a compatible power cable.

Caution! Please use only an approved charging accessory to charge your device. Improper handling of the charging port, as well as the use of an incompatible charger, may cause damage to your device and void the warranty.

---

4. **Mini USB Connector** provides a mini USB for connection to devices using this type of connector.
5. **microSD Card Slot** (internal) allows you use a microSD card to expand the memory of your device.
6. **USB Connector** provides a USB plug for connection to devices using this type of connector. This provides your target device with wired Internet access.

On-Screen Indicators

Displays your current signal strength. The greater the number of bars, the stronger the signal.

Indicates there is no signal available.

Displays when there is no microSIM card in the device.

Displays your current battery charge level. Icon shown is fully charged.

Displays your battery is currently charging.

Shows your current battery only has a few minutes of power remaining and will soon shutdown.

Displays when connected to the EDGE network.

Displays when your phone is communicating with the EDGE network.

Displays when connected to the 3G network.

Displays when your device is connected to and communicating with the 3G network.

Displays when connected to the HSPA+ network.

Displays when connected to and communicating with the HSPA+ network.

Displays when your device is communicating with the 4G LTE network.

Displays when Wi-Fi is active and indicates the number of externally connected devices.

Displays when there is a new text message.

Displays your current data usage.

Section 3: Connecting Your Device

With your new Wi-Fi HotSpot and your computer, a wireless Internet connection can always be at your fingertips.

System Requirements

If you choose to connect with an external device via a direct USB cable connection, your target device will need the meet the following minimum system requirements:

- One open Type-A USB Port (ex: Laptops, Desktops, etc..)
- One open mini USB Port (ex: portable devices, mobile phones, etc..)

Note: Up to 10 simultaneous devices can be connected to the HostSpot.

Note: It is recommended the battery be fully charged in order to use your device via Wi-Fi for the first time, or connect your device to the AC wall charger for power.

Before You Begin a Connection

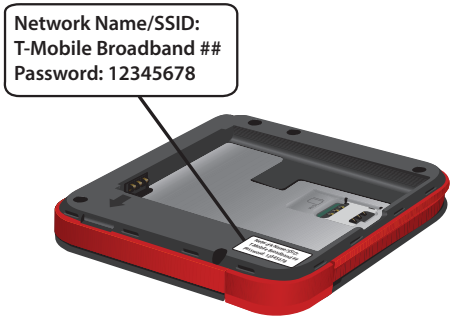
- Press and hold (**Power**) to turn the device on.

  The following should occur once your device turns on:
  - The battery indicator shows a solid green color (if there is more than a 15% charge.)
  - Once your device has been activated, it automatically connects to the Internet provided that your cellular network broadband service is available.
  - Confirm a network indicator icon, such as

, appears in the Notification area at the top of the display. This indicates the device is in service and ready to connect.

Initial Connection to Your Device

1. Locate the internal sticker that provides both the SSID and Password information for access to the device's portal.



2. Enable the Wi-Fi connection on your target device and begin to scan for available Wi-Fi networks.
3. The SM-V100T HotSpot appears as a secured device named: "**T-Mobile Broadband ##**".
4. Enter the default password located on the sticker to establish your initial connection.

Note: The default password is also the last 8-digits of the device 15-digit IMEI.
For example: If the IMEI number is "123456**89012345**", the password is "89012345".

Accessing Your HotSpot via a Browser

1. With your device now connected to the HotSpot, launch an available Browser on your target device.
2. Within the Browser's Address field, enter:
   - **http://mobile.hotspot**

Note: If there are any issues accessing the HotSpot using the above url, use 192.168.43.1.

3. From the HotSpot's main Web portal, locate the **Password** field.
4. Enter the HotSpot's Administrator (Web portal) password information and click **Apply**.

Note: The default Administrator password is "**admin**".

Note: The default connection state for the HotSpot is secured. Use the Web portal to configure the various settings.

Configuring Your HotSpot

Changing your Web Portal Administrator Password

Changing this password prevents other users from entering the default “admin” password and gaining access to your Web portal and changing the device’s settings.

1. Access the Web portal and select the **Configuration** ➔ **Tools** tab.
2. Select the **New Password** field and enter your updated password information.
3. Re-enter your new password within the **Verify New Password** field.

Caution! Write down this new administrator password. If you loose or forget it, you will need to do a Factory Reset on the device to regain access. For more information, refer to *“Factory Reset of Your Device”* on page 12.

4. Click **Apply**.

Changing your Wi-Fi Access Password

This password is different from the administrator password that provides access to the Web portal. The Wi-Fi password is used by external devices to gain a connection to the HotSpot.

1. Access the Web portal and select **Network**.
2. From the bottom of the screen, tap the **Password** field, and enter your new password.
3. Click **Apply**. Any currently connected devices will need to update their connection passwords.

Changing your SSID Name

1. Access the Web portal and select **Network**.
2. Select the **Network Name (SSID)** field.
3. Delete the current information and enter a new name.
4. Click **Apply**. Any currently connected devices will need to forget their previous connections and reconnect to the newly named HotSpot.

Assigning Data Limits

1. Access the Web portal and select **Network**.
2. Tap the **Data Limits** checkbox to enable the feature.
3. Tap the adjacent field, enter a numeric value, and select either GB (Gigabytes) or MB (Megabytes).
4. Click **Apply**. Once you reach your assigned data limit, an on-screen notification will appear.

Hiding Your HotSpot

1. Access the Web portal and select **Network**.
2. From the bottom of the screen, tap the **Broadcast SSID enable** checkbox. Removing the checkmark stops broadcasting your SSID.
3. Tap the checkbox field again to re-enable SSID broadcast.

Preparing your HotSpot for File Access

Note: You can select MTP or USB Tethering only when USB is connecting to the computer.

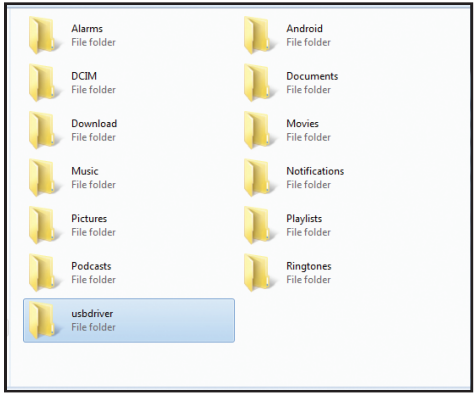
1. Access the Web portal and select (**Home**).
2. Scroll down the page and enable the **Media device(MTP)** option.
3. Click **OK**.
4. Follow the USB connection procedures described on page 21.

Files can also be accessed from the internal microSD memory card by enabling the DLNA functionality. For more information, refer to *"DLNA Tab"* on page 39.

Installing the USB drivers for various OS types

There two separate types of drivers required for connection to the device. These drivers can be found within the usb driver folder on the HotSpot shown below.

- Mac OS (requires the Escape drive)
- Windows OS - (XP and Windows8 need RNDIS driver)



Installation of the Escape Driver

1. With the HotSpot not yet connected, locate the Mac® version of the Samsung USB Driver for Mobile Phones (Escape) found on product page @ www.samsung.com.
2. Run the installation package for the file named: **ssud_v1.4.10_mac_for_rndis.dmg.zip**.
3. Select the disk where you would like the software to be installed and click **Continue**.

Important! It is important that you select the disk running the OSX operating system. Choosing a different disk can result in an installation failure.

4. If prompted, enter your username and password information into the User Authentication window and click **OK**.

Important! If an installation failure occurs, unplug the device, reboot the machine, and rerun the installation procedures above.

5. Connect the HotSpot to the computer using the USB connector (page 21).

Installation of the RNDIS windows USB Driver

1. With the HotSpot not yet connected, locate the WIndows® version of the Samsung USB Driver for Mobile Phones (RNDIS) found on product page @ www.samsung.com.
2. Run the installation package for the file named: **SAMSUNG_USB_Driver_for_Mobile_Phones_v1.5.25.o.exe**.
3. Follow the on-screen instructions.

Important! It is important that you select the disk running the Windows operating system. Choosing a different disk can result in an installation failure.

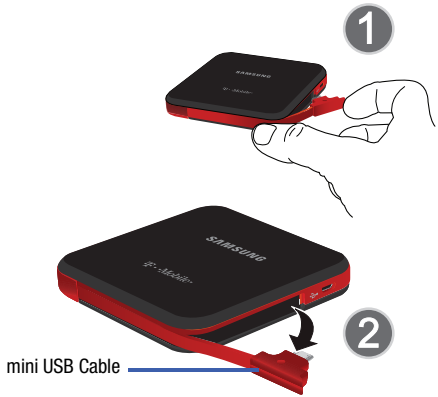
Important! If an installation failure occurs, unplug the device, reboot the machine, and rerun the installation procedures above.

4. Connect the HotSpot to the computer using the USB connector (page 21).

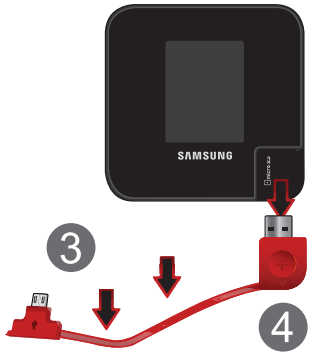
Connecting your Computer to the HotSpot via USB

This method can be used to provide USB Tethering to your computer.

1. Using your fingertip (1), slide the mini USB connector out from its current location (2).



2. Pull the cable all the way round the unit (3) and then carefully remove the other USB connector from its slot (4).



3. Re-insert the mini USB cable back into its corresponding port along the side of the device.

4. Locate the USB port on your target device and firmly insert the HotSpot's USB plug.

5. Open your computer's local file browsing application and locate the connected HotSpot that appears connected as an external drive.

Factory Reset via the Web Portal

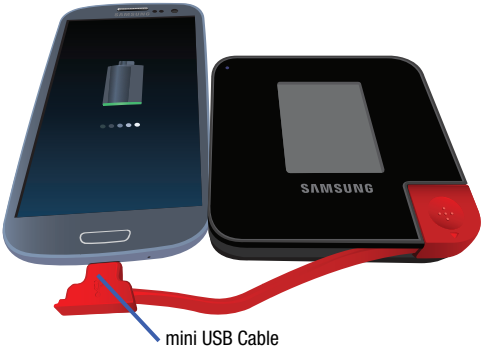
1. Access the Web portal and select the **Configuration** ➔ **Tools** tab.
2. Follow the on-screen instructions to complete the process. For more information, refer to *"Factory Reset via Web Portal"* on page 41.

Using the Battery Pack Feature

The HotSpot can also be used to charge external devices via either the mini USB connector or via the USB port.

Charging a external device by using the mini USB connector:

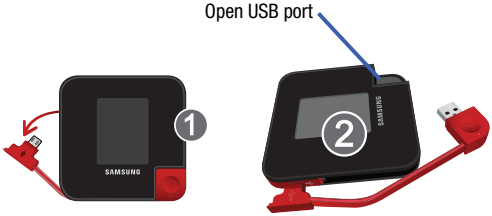
1. Carefully remove the mini USB connector from the side of the device.
2. Carefully insert the mini USB connector into the available travel adapter/Power jack on a compatible device.



3. Confirm the external device is charging.

Charging an external device via the USB port:

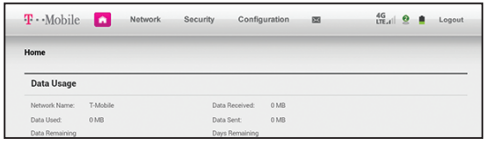
1. Remove the USB connector from the side of the device (1). Make sure to leave the mini usb connector plugged in (2).



2. Insert an external USB cable into the open USB port on the HotSpot
3. Plug the other end of the USB cable into the external device's power port.
4. Confirm the external device is charging.

Section 4: Home Page

After accessing the Web portal, the default screen in the Home page. This page provides overall system information.



Mobile HotSpot Home Page

1. Access the Web portal and select (**Home**).
2. Scroll down the page to review the available information. The **Home** page Web portal lists the following basic status information and options:

Data Usage

- **Network Name**: The name of the current cellular provider.
- **Data Received**: For the current Internet connection, the amount of data received from your Wireless Provider's network.
- **Data Used**: For the current Internet connection, the amount of data received through the HotSpot and used by the connected devices.
- **Data Sent**: For the current Internet connection, the amount of data sent to your Wireless Provider's network.
- **Data Remaining**: The amount of data usage remaining. This values is set by either your current carrier data plan, or via the Data Limit field.
- **Days Remaining**: The amount of days remaining in your current monthly period of usage.
- **Connected Time**: For the current Internet connection, the period of time which has elapsed since the connection was established.

Data Usage Buttons

- **Mobile HotSpot off**: This button allows you to turn of the HotSpot functionality off (this does not turn the device off). Press the external **WPS** key to re-enable the HotSpot functionality.

System Information

This section provides the information for both the HotSpot and any currently connected devices such as: Device Name, Mobile Number, SIM ID, Manufacturer, IMEI, and SW Version.

Visit My T-Mobile

- **My T-Mobile**: This button allows you to quickly access your account information via the current Browser.
- **Community**: This button provides ready-access to the online T-Mobile Community website.
- **Device Support**: This button provides ready-access to the online T-Mobile Tech Support website.
- **Coverage Map**: This button provides to the online coverage area Web page from where you can check your current coverage areas.
- **Contact Us**: This button displays the T-Mobile Contact Us Web page.

T-Mobile Network

- **IP Address**: The externally accessible IP address assigned to your Mobile HotSpot.
- **Gateway**: The gateway IP address associated with the IP address above.
- **Subnet Mask**: The network mask associated with the network provided IP Address.
- **DNS**: The Domain Name Server currently used by your Mobile HotSpot.

My HotSpot Connection

- **IP Address**: Internet Protocol address assigned to your Mobile HotSpot.
- **Security**: The current Wi-Fi security protocol used by the HotSpot.
- **Subnet Mask**: The network mask associated with the current IP Address.

USB Connection

Note: You can select MTP or USB Tethering only when USB is connecting to the computer.

The USB connection to the HotSpot (via either the USB or mini USB connectors) can used to either:

- Access files stored within the internal microSD card
- Provide a directly connected device with Internet access via the USB Tethering functionality

1. Select either the **Media device (MTP)** or **USB tethering** option.
2. Click **OK**.

Follow the USB connection procedures described on page 21.

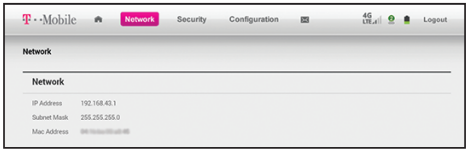
Connected Devices

This area provides information about those connected devices. This section offers access to devices via either a **Connected** or **Blocked (#)** tab.

- **Device Name**: Allows you to rename the current MAC ID information to something user-defined (ex: Pat's GS4).
    - Tap **Save** to store the new name association.
    - Tap **Block** to stop connection to the externally connected device.
    - Tap **Pause** to temporarily halt connection by the external device.
- **Connection Information**: Displays information about the currently connected device such as: IP Address, MAC Address, Connected at and for information.
- **Set Time Limit**: Allows you to set a time limit for connection and usage by the external device. This action limits how long it can be connected. Enable the **Set Time Limit** checkbox, enter the amount of hrs and min, then tap **Save**.
- **Data Usage**: Displays information about the current wireless device's data usage during a period of time. Choose from **This month** or **Last 3 days**.
- **Set Data Limit**: Allows you to set a data limit for connection and usage by the external device. This action limits how much data can be used by the external device. Enable the **Set Data Limit** checkbox, enter the amount of data in GB and/or MB, then tap **Save**.

Section 5: Network Page

Your HotSpot provides a wireless Local Area Network (LAN) that can share access to the 4G or 3G data network. You can use your Wi-Fi HotSpot's **Network** pages to configure your wireless LAN.



Mobile HotSpot Network Page

1. Access the Web portal and select **Network**.
2. Scroll down the page to review the available information. The **Network** page Web portal lists the following basic status information and options:

Network

Your Wi-Fi HotSpot is preconfigured to use private IP addresses on the WAN side, and to act as a DHCP server.

The router's default WAN IP configuration is:

- **IP address**: 192.168.43.1 (default)

  This is the LAN WAN IP address of the router.
- **Subnet mask**: 255.255.255.0

  This is the LAN WAN Subnet Mask of the Mobile HotSpot router. Combined with the IP address, the IP Subnet Mask allows a device to know which other addresses are local to it, and which must be reached through a gateway or other router.

Note: These addresses are part of a private address range for use in private networks, and should be suitable in most applications. If your network has a requirement to use a different IP addressing scheme, you can make those changes in this menu.

- **MAC Address** (display only): Displays the device MAC address.

DHCP Server

When enabled, the DHCP (Dynamic Host Configuration Protocol) server allows your Mobile HotSpot to acquire network configuration settings from your Wireless Provider's network automatically.

Important! If you make any changes to the DHCP server settings, you will need to reboot the HotSpot or re-start the device and then re-connect.

- **DHCP Server enable**: Click or touch to enable.
- **DHCP Address Range**: The range of IP addresses reserved for use by the HotSpot's DHCP server table. If a device with a static IP address wants to connect to Mobile HotSpot's network, the static IP should be outside of the DHCP address range. Most devices do not have a static IP.

Note: The DHCP Adddress range is available only when the DHCP Address is shown on the Web UI (by default). When you are located out of the coverage are, you will have see the following pop-up message "DHCP Address Range is invalid".

- **DHCP Lease Time (in hour)**: Enter a value to assign a minimum amount of time (in hours) for which the DHCP server will retain the IP Address that will be allocated to a particular device.

DHCP Server Buttons

- **Apply**: Select to update the settings and apply them.
- **Reset**: Select to revert the settings to their previous values.

Data Limit

- **Data Limit**: Allows you to set a data limit for connected devices on your current network. This action limits how much data can be used by the external device. Enable the **Data Limits** checkbox, enter the amount of data in GB and/or MB, then tap **Apply**.

Data Limit Buttons

- **Apply**: Select to update the settings and apply them.
- **Reset**: Select to revert the settings to their previous values.

Wi-Fi Configuration

Wi-Fi is a branded standard for wireless connecting electronic devices. A Wi-Fi device, such as a personal computer, video game console, smartphone, or digital audio player can connect to the Internet via a wireless network access point. The Wi-Fi HotSpot has a range of about 45 meters (150 feet) indoors and a greater range outdoors. Multiple overlapping access points can cover large areas.

- **Network Name (SSID)**: Displays the network name. Click or touch the field to enter a network ID.
- **Security**: Security provides different types of security protocols. The protocols encrypt the data that is going between two points. Click or touch the drop down menu to select a protocol. Protocols are listed from least secure to most secure.
- **Password**: Displays the current network password. Click or touch the field and enter a new password to password-protect access to your network. WPA2 provides the highest level of Wi-Fi security, but older Wi-Fi-enabled devices may not support WPA security. WEP security is supported by virtually all Wi-Fi-enabled devices.
- **Broadcast Channel**: Click or touch **Auto** for the HotSpot to automatically choose the best available channel. Click or touch the drop down menu to select a specific channel. Make this selection for either the 2.4 GHz or 5GHz bands.
- **Broadcast SSID enable**: Click or touch to enable. When prompted, select **OK** to complete the section.
  - When enabled, other devices will see the Wi-Fi network access point name in the list of available wireless networks.
  - When disabled, other devices will not see the Wi-Fi network access point name in the list of available wireless networks.

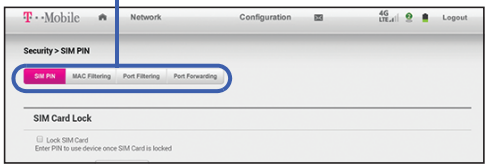
Wi-Fi Configuration Buttons

- **Apply**: Select to update the settings and apply them.
- **Reset**: Select to revert the settings to their previous values.

Section 6: Securing Your Device

This section outlines how to enable security features for your Wi-Fi HotSpot. You can use your Wi-Fi HotSpot's **Security** tabs to configure your device's security options.

Security Tabs



Mobile HotSpot Security Page

1. Access the Web portal and select **Security**.
2. Select any of the available tabs and scroll down the page to review the available information. The **Security** page Web portal lists the following basic status information and options:

SIM PIN Tab

Prevent another user from using your microSIM card to make unauthorized use of your data plan or access information stored on your card by protecting the information with a PIN code. If the microSIM card is locked, you will need to enter the PIN code before you can use it.

To lock your SIM card:

1. Access the Web portal and select **Security → SIM PIN** tab.
2. Enable the **Lock SIM Card** checkbox.
3. From the **Enter SIM PIN** field, enter a PIN number then select **OK**.

To unlock your SIM card:

1. Access the Web portal and select **Security → SIM PIN** tab.
2. Once accepted, uncheck the **Lock SIM Card** checkbox.
3. Enter your existing PIN code.

To change your PIN code:

1. Access the Web portal and select **Security ➔ SIM PIN** tab.
2. Tap **Change**.
3. Enter the old SIM PIN code and tap **OK**.
4. Enter the new SIM PIN code and tap **OK**.
5. Re-type the new SIM PIN code and tap **OK**.

MAC Filtering Tab

MAC Filtering prevents unknown Wi-Fi clients from using your access point. A MAC address is a low-level network ID which is unique to a device. Access is allowed only for trusted clients.

- Access the Web portal and select **Security ➔ MAC Filtering** tab.

Enable MAC Filtering

Caution! Before enabling this feature, ensure that the MAC address of your own PC or tablet is included in the Trusted Client list. Otherwise, the connected device will not be able to use any data services.

- **Enable MAC Filtering**: Click or touch the checkbox to enable MAC Address Filtering.
  When the featured is enabled only Trusted Clients can connect. If the MAC address is in the **Trusted Client MAC Address List**, access is allowed. Otherwise, access is blocked.
- When this feature is disabled the MAC Address of each Wi-Fi client is not checked. All clients will be allowed to connect to the HotSpot as long as they have a valid password.

Note: Whether enabled or disabled, clients must have the correct Wi-Fi Security settings to connect.

Trusted Client List

MAC addresses of trusted clients are listed here. If you have not entered any MAC addresses, this field will be empty.

To add a client to the Trusted Client List:

1. Enter the MAC Address of the trusted device.
2. Select the **Add Client** button.

Caution! Before enabling MAC Filtering, add the MAC address of your own PC or tablet to the Trusted Client list. Otherwise, the HotSpot will disconnect from your Wi-Fi device, and you won't be able to reconnect.

To remove a client from the Trusted Client List:

1. Click or tap the drop down menu to select a device.
2. Select the **Delete Client** button.

Note: On wireless devices, the "MAC address" is called the "Physical Address". You can check the properties or status of the wireless device to find the MAC address.

Trusted Client Buttons

- **Add Client**: Select to add the MAC address typed in the **Add Trusted Client MAC Address** field to the Trusted Client List.
- **Delete Client**: Select to remove a device from the Trusted Client List.
- **Apply**: Select to save changes made to the list.
- **Reset**: Select to discard changes made to the list.

Port Filtering Tab

Port Filtering blocks outgoing Internet traffic. When enabled, only traffic from selected applications can access the Internet. Traffic type is identified by port number.

Note: DNS (Domain Name Server) should always be enabled when using Port Filtering. Without DNS, it is not possible to convert a Domain name (for example, www.msn.com) to an IP address. DNS is used by E-mail, FTP, and many other protocols as well as by Web browsers.

- Access the Web portal and select **Security** ➔ **Port FIltering** tab.

Enable Port Filtering

- **Enable Port Filtering**: Select the checkbox to enable Port Filtering.

  When the featured is enabled only traffic from selected applications from the **Allowed Applications** list are allowed access to the internet.

  When the featured is disabled all traffic is allowed to access to the internet.

Allowed Applications

Enable those applications you wish to give access to the Internet while the Port Filtering feature is enabled. All other applications will be blocked.

These allowed application rules are used to open single or multiple ports on your HotSpot when it senses data sent to the Internet via these applications.

Select All Applications: selects all applications listed below to be allowed to pass through and access the Internet.

The following is a list of the allowed applications:

- **DNS (Domain Name Server)**: is a technology used for managing the names of Web sites and other Internet domains. DNS technology allows you to type names into your Web browser like samsung.com and have your computer automatically find that IP address on the Internet.

Note: DNS (Domain Name Server) should always be enabled when using Port Filtering. Without DNS, it is not possible to convert a Domain name (for example, www.msn.com) to an IP address. DNS is used by E-mail, FTP, and many other protocols as well as by Web browsers.

- **HTTP** (Hypertext Transfer Protocol): is the data transfer protocol used on the Web.
- **HTTPS** (Hypertext Transfer Protocol over TLS/SSL): is a secured data transfer protocol (using TCP). This transfers hypertext requests between both servers and your browser.
- **FTP** (File Transfer Protocol): is a network protocol used to copy files from one location on the Web to another.
- **E-mail(POP3)**: also known as Post Office Protocol, is a standard protocol used by local e-mail applications/clients to retrieve email from a remote server.
- **E-mail (IMAP)**: also known as Internet Message Access Protocol, is used for retrieving remote email messages.
- **VPN** (Virtual Private Network): is a private network that is extended externally and allows you to securely communicate over a public network.
- **Telnet**: is a network protocol that is used to log onto another computer on the same local network.
- **RTP** (Realtime Transport Protocol): is an Internet protocol used for transferring both audio and video data.

Custom Applications

Define your own **Allowed Applications**. Define and enable additional applications.

- **Application Name**: Enter a name for the application you are defining.
- **Port Range**: Define the ports used by the application. These ports refer to outgoing traffic.
  - For a single port, enter the port number in both the **Start Port** and **End Port** fields.
  - For a port range, enter the beginning of the range in the **Start Port** field and the end of the range in the **End Port** field.
  - Up to 5 ports or port ranges can be defined. Use as many rows as necessary; unused rows can be left blank.
- **Port Type**: For each port range (each row), select the protocol (TCP, UDP, or both) used by that port range.

Port Filtering Buttons

- **Apply**: When this button is activated, all settings (enabled, name, port settings) for all applications are saved to this device.
- **Reset**: Select to discard changes made to the allowed applications.
- **Delete**: Select this button to erase a Custom Application definition.
- **Revert**: Select this button to discard all changes made since the last **Apply** operation.
- **Add**: Select this button to add another row for defining a Custom Application.

Port Forwarding Panel

Port Forwarding allows incoming traffic (from the Internet) to be forwarded to a particular PC or device on your local WLAN. Normally, incoming traffic from the Internet is blocked by the Firewall.

You need to use Port Forwarding to allow Internet users to access running services such as a Web server, FTP server, E-mail server, etc...

For some online applications (such as games), Port Forwarding must be used in order for the game to function correctly.

Note: Port Forwarding creates a security risk and should be disabled when not required.

Note: Some 3G Mobile Wireless Networks do not provide you with an Internet IP address, but an IP address on their own network. In this case, Port Forwarding can not be used because Internet users cannot reach your IP address.

- Access the Web portal and select **Security** ➔ **Port Forwarding** tab.

Port Forwarding Applications

A number of common server applications are listed. To use any of these applications, follow this procedure:

1. Install the application on a personal computer or other device on your local WLAN.
2. Ensure the device is connected to this HotSpot, and record the device's IP address for the Wi-Fi interface.
3. On this screen, enter the device's IP Address in the **IP Address on WLAN** field beside the application.
4. Enable this application on this screen by checking its checkbox. Available applications can include: DNS (Domain Name Server), FTP Server, HTTP (Web Server), etc..
5. Save your changes with the **Apply** button.
6. On the Home screen, make a note of the Internet IP Address of this HotSpot.
7. Ask users on the Internet to connect to the Internet IP address of this device. These connection requests will be forwarded to the IP address specified in step 3.

8. When no longer needed, the application should be disabled on this screen by unchecking its checkbox, and saving this change with the **Apply** button. Leaving applications enabled unnecessarily creates a security risk.

Note: Some wireless networks do not provide you with an Internet IP address, but an IP address on their own network. In this case, Port Forwarding can not be used because Internet users cannot reach your IP address.

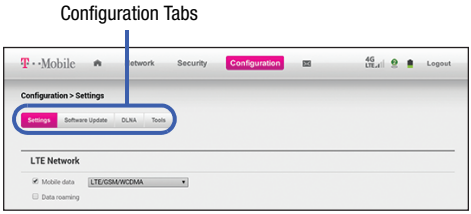
IP Address on WLAN

This is the IP Address of the PC, server, or device on the local WLAN which is running this application.

If an application is enabled, an IP Address is required. Otherwise, this field may be blank.

Section 7: Configuring Your Device

Your HotSpot provides access to support and configuration options. You can use your Wi-Fi HotSpot's **Configuration** tabs to configure your device.



Mobile HotSpot Configuration Page

1. Access the Web portal and select **Configuration**.
2. Select any of the available tabs and scroll down the page to review the available information. The **Configuration** page Web portal lists the following basic status information and options:

Settings Tab

LTE Network

Caution! Unchecking this Mobile data feature will prevent wirelessly connected devices from receiving any data access to the Web. They will still remain connected from the HotSpot, but not be getting any data.

- **Mobile data**: If enabled, allows the device to use the mobile data features of your plan to provide Internet access to connected devices. Select from a list of available data networks. Choose from and available option:
  - **LTE/GSM/WCDMA** (default) is the default network mode option. This selection allows the device to choose the fastest connection from among the available connection speeds, including LTE.
  - **GSM/WCDMA** provides access to either the 2G or 3G network.
  - **LTE only** restricts your connection only to the LTE network.
  - **WCDMA only** restricts your connection to only the 3G network.
  - **GSM only** restricts your connection to only the 2G network.

- **Data roaming**: If enabled, allows your device to connect to your service provider's partner networks and access data services when you are out of your service providers area of coverage.

LTE Network Buttons

- **Apply**: Select to save changes made to the list.
- **Reset**: Select to discard changes made to the list.

APN

This feature allows your HotSpot to act as the Access Point within a WWAN (Wireless Wide Area Network). You can create APN (Access Point Name) profiles via your HotSpot and then allow devices to join the network.

- **Profile Name**: Allows you to assign a profile name to the WWAN.
- **APN**: Allows you to assign a resolveable URL as the Access Point Name.
- **IP Version**: Displays the selected IP version information.
- **Authentication**: Allows you to select the authorization type. Choose from either: None, PAP, or CHAP.
- **User name**: Allows you to assign a username.
- **Password**: Allows you to assign a password.
- **Action**: Allows you to use an available action button (see below).

APN Buttons

- **Edit**: Select to edit a current entry.
- **Delete**: Select to delete an existing entry.
- **Save**: Select to store a new entry or apply an update to an existing entry.

Software Update Tab

This tab allows you to remotely check to see if there are any available software updates for your device.

1. Read the on-screen disclaimer information.
2. Select **Check** to begin the process of checking for new software.
3. If new software is detected, follow the on-screen instructions.

DLNA Tab

This tab provides you with the ability to designate your HotSpot or a DLNA-compliant device that can share stored information with other compliant devices.

This feature works by sharing data stored within an internally installed microSD memory card. For more information, refer to *"Installing the Optional microSD Memory Card"* on page 9.

To set up the DLNA settings:

1. Access the Web portal and select **Configuration** ➔ **DLNA** tab.
2. Select the **Device Name** filed, enter a unique name for your DLNA device, and tap **Apply**. This is the name that will display on external DLNA-compliant devices.
3. From the **Select media** section, place a checkmark alongside those file types (located on your microSD card) you wish to share with external devices. Choose from: Music, Pictures, and Videos.
4. Select either **Apply** or **Reset**.

DLNA Buttons

- **Apply**: Select to save changes made to the list.
- **Reset**: Select to discard changes made to the list.

Tools Tab

This tab provides access to Web portal features such as Administrator password reset, Power Management, System Log files, and Device Factory Reset.

Change Administration Password

This password protects the configuration settings on this device. You must provide the password to access the HotSpot's Web-based administration interface.

- **New Password**: Enter the new password you would like to used to access the administration interface.

  Enter the new password, using only letters, numbers, and standard punctuation symbols. The password must be at least four characters long. The maximum length is 64 characters.
- **Verify New Password**: Re-enter the new password to verify and select **Apply**.

Admin Password Buttons

- **Apply**: Select to save changes.
- **Reset**: Select to discard changes made.

Power Management

Once enabled, the HotSpot will disconnect from the data network after a designated amount of time is reached.

To save on battery life, the built-in wireless radio is turned off if the HotSpot is idle for the time duration specified in the Hibernate field.

- When the LCD is on and the device is in Hibernate mode, press the **WPS** key to exit the Hibernate mode.

  – or –

  If the LCD is off and the device is in Hibernate mode, then pressing (**Power**) will turn the LCD on and turn Hibernate mode off and enable the radios.

- **Hibernate**: Enables/disables the Standby feature. Select the adjacent filed to determine the amount of time that must be met before standby time is activated. Choose from: 15 minutes, 30 minutes, 1 hour, 3 hours, or 6 hours.
- If the device does go into Hibernte mode, confirm the **Hibernate On** icon ( ) appears and press the WPS key to exit the mode.

Power Management Buttons

- **Apply**: Select to update the settings and apply them.
- **Reset**: Select to revert the settings to their previous values.

Umounting SD Card

This process allows you to safely remove the card without damaging any of the contents. A card must be properly Unmounted before removal.

Caution! If a card is pulled out of its internal slot without being first properly unmounted, it can corrupt or damage the card's data.

- **Unmount**: Properly disconnects the card from the device and allows you to safely remove it.

Format SD Card

This process allows you to quickly erase all data found within an optional microSD card.

- **Format**: Quickly formats and erases all data currently on the SD card.

System

The System log feature is used for troubleshooting purposes and allows you to download the log as a single file.

The location of the log file is provided.

Note: To access the log file, you must first turn off the USB tethering feature from the Home page so that the device can then act as an external storage medium.

- **Download**: Begins the process of downloading the Log file to the described location.

Factory Reset via Web Portal

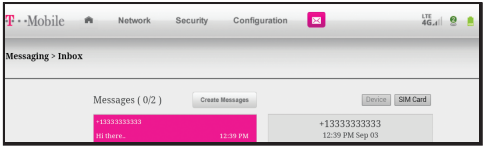
Use Factory reset function to return your device to its factory defaults. This setting erases all data, configuration, and passwords from the device.

To reset the device:

1. Access the Web portal and select **Configuration** ➔ **Tools** tab.
2. Scroll to the bottom of the page and select the **Factory Reset** button.
3. Follow the on-screen instructions to complete the process.

Section 8: Messaging on Your Device

This page provides access to your current text message Inbox. These messages (SMS text only) can be selected, updated, and replied to.



Mobile HotSpot Messaging Page

1. Access the Web portal and select (**Messaging**).
2. The left pane displays your Inbox.

Note: Messages can be stored on either the Device or the internal SIM card. The default is the Device option.

Replying to an existing Message

1. Select a message from the left Inbox list.
2. Select the bottom **Type message here**. field and use the available text entry method to create your new reply text.
3. Once you have updated the message contents, select **Send**.

Create and Send a Message

Important! Message notifications are displayed on the main screen and can only be viewed and replied to via a connected device.

4. Access the Web portal and select (**Messaging**).
5. Select **Create Messages**.
6. Select the **To** field and enter a target phone number.
7. Add more recipients by tapping the recipient field and separating each number by a colon (:).
8. Select the **Type message here**. field and use the available text entry method to create your new text.
9. Select **Send** to deliver your new text message.

   – or –

   Select **Cancel** to exit this process.

Deleting an Existing Message

1. Select a message from the left Inbox list and select **Delete**.
2. Place a checkmark alongside the desired message(s), and select **Delete** to complete the process or **Cancel** to exit.
3. If prompted, click **OK** to acknowledge a successful deletion.

Note: You can also enable the **Select All** option to place a checkmark alongside all current Inbox messages.

Messages can be stored on either the Device or the internal SIM card.

Section 9: Troubleshooting

This section covers common technical support questions and solutions.

Technical Support

If you experience any issues with your device, visit us at the HotSpot website http://support.t-mobile.com/welcome or contact Customer Service at 1-877-453-1304.

Connection Tips and Tricks

The following are a few common troubleshooting issues and possible solutions.

I can't get any network signal appearing on the main screen.

- Your microSIM card may be improperly installed. These cards are commonly inserted in the wrong orientation. Remove the card and re-attempt a proper insertion.
- If your microSIM card is properly inserted and you still can't get a network connection, call customer support and confirm your account is active and there are no issues.

I can't connect to the Wireless HotSpot using the provided password.

- Underneath the back cover is the device's default SSID (wireless network name) and the default password. This password is used to connect your Wi-Fi enabled device to the HotSpot.
- If the sticker information is not accepted make sure your CAPS Lock is not on and you enable the "Show password" feature on your target device.
- The HotSpot's default password is the last 8 digits of the IMEI.

How do I reset the device back to Factory Default via the Web Portal?

- Access the Web portal and select Configuration g Tools tab.
- Scroll to the bottom of the page and select the Factory Reset button.
- Follow the on-screen instructions to complete the process.

How do I reset the device back to Factory Default via the Hardware?

- Press and hold Power and WPS keys for 5 seconds to display an on-screen Factory Reset message.
- Press the Power key to reset the device. Once completed, the power should recycle and the main screen will re-appear.

What is the password for the Web Portal?

- The default password is “admin” (all lowercase letters).
- After changing this password in the Web portal you will need to reset the device before regaining access.

I can’t see my HotSpot in my list of available wireless devices. How do I make it visible again?

- Access the Web portal and select Network.
- Tap the Broadcast SSID checkbox and place a checkmark in the adjacent field.
- Select **Apply** → **OK**.
- On your target device, refresh your list of available WAPs and connect.

The device is on but I have no Internet connectivity?

The Hibernate mode is used for power management and by default is turned on. The default is inactivity for 30 minutes.

When Hibernate mode is activated - All radios are turned off (Wi-Fi and Cellular Network).

Note: LCD turns off after 30 seconds (standby default).

- If you believe your are in Hibernate mode or you have had not Internet activity for a while:
- Press **Power** key , the LCD and both radios will turn on and all network communication icons will re-appear.

I think I see the Hibernate icon on the screen, what do I do?

- If you see the Hibernate icon ( ) on the screen you must:
  - Confirm the on-screen message indicates you are in Hibernate mode.
  - Press the **WPS** key to then disable the Hibernate mode and reactivate all radios.

This device is capable of operating in Wi-Fi™ mode in the 2.4 and 5 GHz bands. The FCC requires that devices operating within 5.15-5.25 GHz may only be used indoors, not outside, in order to avoid interference with Mobile Satellite Services (MSS). Therefore, this device is restricted from being used outdoors when operating in frequencies between 5.15-5.25 GHz.

This section outlines the safety precautions associated with using your mobile hotspot. Your Samsung Mobile Hotspot device may also be referred to as “wireless device” or “wireless mobile device” or “device”. **Read this information before using your device**.

Exposure to Radio Frequency (RF) Signals

The U.S. Food and Drug Administration (FDA) has published information for consumers relating to Radio Frequency (RF) exposure from wireless devices. The FDA publication includes the following information:

Specific Absorption Rate (SAR) Certification Information

Your wireless device is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for Radio Frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government.

These FCC RF exposure limits are derived from the recommendations of two expert organizations: the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The RF exposure limit set by the FCC for wireless mobile devices employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body

expressed in units of watts per kilogram (W/kg). The FCC requires wireless devices to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

The FCC SAR limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum reported value. This is because the device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output of the device.

Before a new model device is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the SAR limit established by the FCC. Tests for each model wireless mobile device are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC. For body-worn operation, this device has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the wireless mobile device a minimum of 1.0 cm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines. The FCC has granted an Equipment Authorization for this mobile device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. This device has a FCC ID number: A3LSMV100T [Model Number: SM-V100T] and the specific SAR levels for this device can be found at the following FCC website:
http://www.fcc.gov/oet/ea/.

The SAR information for this device can also be found on Samsung's website:
http://www.samsung.com/sar.

SAR information on this and other model devices can be accessed online on the FCC's website through http://transition.fcc.gov/oet/rfsafety/sar.html. To find information that pertains to a particular model device, this site uses the device FCC ID number which is usually printed somewhere on the case of the device. Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular device, follow the

instructions on the website and it should provide values for typical or maximum SAR for a particular device. Additional SAR information can also be obtained at http://www.fcc.gov/encyclopedia/specific-absorption-rate-sar-cellular-telephones.

FCC Part 15 Information to User

Pursuant to part 15.21 of the FCC Rules, you are cautioned that changes or modifications not expressly approved by Samsung could void your authority to operate the device.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Radio Frequency (RF) Energy

Understanding How Your Samsung Mobile Hotspot Operates

Your device functions as a radio transmitter and receiver. When it is turned on, it receives and transmits radio frequency (RF) signals.

Knowing Radio Frequency Safety

The design of your device complies with updated NCRP standards described below:

In 1991-92, the Institute of Electrical and Electronics Engineers (IEEE) and the American National Standards Institute (ANSI) joined in updating ANSI's 1982 standard for safety levels with respect to human exposure to RF signals. More than 120 scientists, engineers and physicians from universities, government health agencies and industries developed this updated standard after reviewing the available body of research.

In 1993, the Federal Communications Commission (FCC) adopted this updated standard in a regulation. In August 1996, the FCC adopted a hybrid standard consisting of the existing ANSI/IEEE standard and the guidelines published by the National Council of Radiation Protection and Measurements (NCRP).

For more information about RF exposure, visit the FCC Web site at www.fcc.gov.

FCC Radio Frequency Emission

This device meets the FCC Radio Frequency Emission Guidelines.FCC ID number: A3LSMV100T.

Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung wireless mobile devices and genuine Samsung accessories.

Proper disposal of your wireless mobile device and its battery is not only important for safety, it benefits the environment. Batteries must be recycled or disposed of properly.

Recycling programs for your wireless mobile device, batteries, and accessories may not be available in your area.

We've made it easy for you to recycle your old Samsung wireless mobile device by working with respected take-back companies in every state in the country.

Drop It Off

You can drop off your Samsung-branded wireless mobile device and batteries for recycling at one of our numerous Samsung Recycling Direct (SM) locations. A list of these locations may be found at:
http://pages.samsung.com/us/recyclingdirect/usactivities_environment_samsungrecyclingdirect_locations.jsp
.

Samsung-branded wireless mobile devices and batteries will be accepted at these locations for no fee.

Consumers may also recycle their used wireless mobile device or batteries at many retail or carrier-provided locations where wireless mobile devices and batteries are sold. Additional information regarding specific locations may be found at: http://www.epa.gov/epawaste/partnerships/plugin/cellphone/index.htm or at http://www.call2recycle.org/.

Mail It In

The Samsung Mobile Take-Back Program will provide Samsung customers with a free recycling mailing label. Just go to http://fun.samsungmobileusa.com/recycling/index.jsp and follow the instructions to print out a free pre-paid postage label and then send your old mobile device or battery to the address listed, via U.S. Mail, for recycling.

Dispose of unwanted electronics through an approved recycler.

To find the nearest recycling location, go to our website:

www.samsung.com/recyclingdirect
Or call, (877) 278-0799.

Follow local regulations regarding disposal of wireless mobile devices and batteries

Dispose of your wireless mobile device and batteries in accordance with local regulations. In some areas, the disposal of these items in household or business trash may be prohibited. Help us protect the environment - recycle!

Warning! Never dispose of batteries in a fire because they may explode.

UL Certified Travel Charger

The Travel Charger for this wireless mobile device has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines:

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE.

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET.

THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

Display / Touch-Screen

Please note the following information when using your mobile device:

WARNING REGARDING DISPLAY

The display on your mobile device is made of glass or acrylic and could break if your mobile device is dropped or if it receives significant impact. Do not use if screen is broken or cracked as this could cause injury to you.

WARRANTY DISCLAIMER: PROPER USE OF A TOUCH-SCREEN MOBILE DEVICE

If your mobile device has a touch-screen display, please note that a touch-screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch-screen may damage the tempered glass surface and void the warranty. For more information, please refer to the "Standard Limited Warranty".

Battery Use and Safety

Important! Handle and store batteries properly to avoid injury or damage. Most battery issues arise from improper handling of batteries and, particularly, from the continued use of damaged batteries.

- **Do not disassemble, crush, puncture, shred, or otherwise attempt to change the form of your battery**. Do not put a high degree of pressure on the battery. This can cause leakage or an internal short-circuit, resulting in overheating.

- **Do not let the wireless mobile device or battery come in contact with liquids.** Liquids can get into the wireless mobile device's circuits, leading to corrosion. Even when the mobile wireless device appears to be dry and appears to operate normally, the circuitry could slowly corrode and pose a safety hazard. If the mobile wireless device and/or battery get wet, have them checked by your service provider or contact Samsung, even if they appear to be working properly.
- **Do not place your battery in or near a heat source**. Excessive heating can damage the phone or the battery and could cause the wireless mobile device or the battery to explode. Do not dry a wet or damp battery with an appliance or heat source such as a microwave oven, hair dryer, iron, or radiator. Avoid leaving your wireless mobile device in your car in high temperatures.
- **Do not dispose of the wireless mobile device or the battery in a fire**. The wireless mobile device or the battery may explode when overheated.
- **Do not handle a damaged or leaking battery**. Do not let leaking battery fluid come in contact with your eyes, skin or clothing. For safe disposal options, contact your nearest Samsung-authorized service center.
- **Avoid dropping the wireless mobile device**. Dropping the wireless mobile device or the battery, especially on a hard surface, can potentially cause damage to the wireless mobile device and battery. If you suspect damage to the wireless mobile device or battery, take it to a service center for inspection.
- **Never use any charger or battery that is damaged in any way**.
- **Do not allow the battery to touch metal objects**. Accidental short-circuiting can occur when a metallic object (coin, key, jewelry, clip, or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.

Important! Use only Samsung-approved batteries, and recharge your battery only with Samsung-approved chargers which are specifically designed for your wireless mobile device.

WARNING!

Use of a non-Samsung-approved battery or charger may present a risk of fire, explosion, leakage, or other hazard. Samsung's warranty does not cover damage to the wireless mobile device caused by non-Samsung-approved batteries and/or chargers.

- **Do not use incompatible wireless mobile device batteries and chargers**. Some websites and second-hand dealers not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier-recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.
- **Misuse or use of incompatible mobile wireless device, batteries, and charging devices could result in damage to the equipment and a possible risk of fire, explosion, or leakage, leading to serious injuries, damages to your wireless mobile device, or other serious hazard**.

Care and Maintenance

Your device is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years:

Keep your Samsung Device away from:

Liquids of any kind

Keep the wireless mobile device dry. Precipitation, humidity, and liquids contain minerals that will corrode electronic circuits. If the wireless mobile device does get wet, do not accelerate drying with the use of an oven, microwave, or dryer, because this may damage the device and could cause a fire or explosion.

Do not use the wireless mobile device with a wet hand. Doing so may cause an electric shock to you or damage to the wireless mobile device.

Extreme heat or cold

Avoid temperatures below 0°C / 32°F or above 45°C / 113°F.

Microwaves

Do not try to dry your wireless mobile device in a microwave oven. Doing so may cause a fire or explosion.

Dust and dirt

Do not expose your wireless mobile device to dust, dirt, or sand.

Cleaning solutions

Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the wireless mobile device. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.

Shock or vibration

Do not drop, knock, or shake the wireless mobile device. Rough handling can break internal circuit boards.

Paint

Do not paint the wireless mobile device. Paint can clog the device's moving parts or ventilation openings and prevent proper operation.

Operating Environment

Remember to follow any special regulations in force in any area, and always switch your wireless mobile device off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the wireless mobile device or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

Using Your Mobile Hotspot Near Other Electronic Devices

Most modern electronic equipment is shielded from Radio Frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless mobile device. Consult the manufacturer to discuss alternatives.

Conversely, ensure the unit is placed at least 2 feet away from products which generate electromagnetic radiation, such as a computer monitor or microwave oven.

Note: For the best care of your device, ensure that only authorized personnel service your wireless mobile device. Failure to do so may be dangerous and void your warranty. Consult the manufacturer of any personal medical devices, such as pacemakers and hearing aids, to determine if they are adequately shielded from external RF signals.

Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless mobile device and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the mobile device more than six (6) inches from their implantable medical device when the mobile device is turned ON;
- Should not carry the mobile device in a breast pocket;
- Should use the ear opposite the implantable medical device to minimize the potential for interference;
- Should turn the mobile device OFF immediately if there is any reason to suspect that interference is taking place;
- Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless mobile device with an implantable medical device, consult your health care provider.

For more information see:
http://www.fcc.gov/oet/rfsafety/rf-faqs.html#.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your mobile device off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle before using your mobile device in a motor vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your mobile device off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch your mobile device off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion

or fire resulting in bodily injury or even death. Users are advised to switch the mobile device off while at a refueling point (service station).

Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants, or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust, or metal powders, and any other area where you would normally be advised to turn off your vehicle engine. Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association.

When your Device is Wet

Do not turn on your device if it is wet. If your device is already on, turn it off and remove the battery immediately (if the device will not turn off or you cannot remove the battery, leave it as-is). Then, dry the device with a towel and take it to a service center.

Restricting Children's Access to Your Wireless Mobile Device

Your wireless mobile device is not a toy. Do not allow children to play with it because they could hurt themselves and others or damage the wireless mobile device.

Keep the wireless mobile device and all its parts and accessories out of the reach of small children.

FCC Notice and Cautions

FCC Notice

The device may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the device if such interference cannot be eliminated.

Cautions

Any changes or modifications to your device not expressly approved by Samsung could void your warranty for this equipment and void your authority to operate this equipment. Only use approved batteries, antennas, and chargers. The use of any unauthorized accessories may be dangerous and void the device warranty if said accessories cause damage or a defect to the device.

Although your device is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending, or sitting on it.

Other Important Safety Information

- Only qualified personnel should service the device or install the wireless mobile device in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Ensure that any devices or related equipment installed in your vehicle are securely mounted.
- Check regularly that all wireless device equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including installed or portable wireless equipment near or in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your device off before boarding an aircraft. The use of wireless devices in aircraft is illegal and may be dangerous to the aircraft's operation. Check with appropriate authorities before using any function of a device while on an aircraft.
- Failure to observe these instructions may lead to the suspension or denial of services to the offender, or legal action, or both.
- While using your device, leave some lights on in the room and do not hold the screen too close to your eyes.
- Seizures or blackouts can occur when you are exposed to flashing lights while watching videos or playing games for extended periods. If you feel any discomfort, stop using the device immediately.
- Reduce risk of repetitive motion injuries. When you repetitively perform actions, such as pressing keys, drawing characters on a touch screen with your fingers, or playing games, you may experience occasional discomfort in your hands, neck, shoulders, or other parts of your body. When using your device for extended periods, hold the device with a relaxed grip, press the keys lightly, and take frequent breaks. If you continue to have discomfort during or after such use, stop use and see a physician.[122011]

Section 11: Warranty Information

Standard Limited Warranty

What is covered and for how long?

SAMSUNG TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants that SAMSUNG's Mobile Hotspot device and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase by the first consumer purchaser and continuing for the following specified period of time after that date:

Mobile Hotspot Device	1 Year
Batteries	1 Year
Case/Pouch/Holster	90 Days
Other Accessories	1 Year

What is not covered?

This Limited Warranty is conditioned upon proper use of the Product.

This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abnormal use, abnormal conditions, improper storage, exposure to liquid, moisture, dampness, sand or dirt, neglect, or unusual physical, electrical or electromechanical stress; (b) scratches, dents and cosmetic damage, unless caused by SAMSUNG; (c) defects or damage resulting from excessive force or use of a metallic object when pressing on a touch screen; (d) equipment that has the serial number or the enhancement data code removed, defaced, damaged, altered or made illegible; (e) ordinary wear and tear; (f) defects or damage resulting from the use of Product in conjunction or connection with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (g) defects or damage resulting from improper testing, operation, maintenance, installation, service, or adjustment not furnished or approved by SAMSUNG; (h) defects or damage resulting from external causes such as collision with an object, fire, flooding, dirt, windstorm, lightning, earthquake, exposure to weather conditions, theft, blown fuse, or improper use of any electrical source; (i) defects or damage resulting from cellular signal reception

or transmission, or viruses or other software problems introduced into the Product; or (j) Product used or purchased outside the United States. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery; (ii) any of the seals on the battery are broken or show evidence of tampering; or (iii) the battery has been used in equipment other than the SAMSUNG mobile wireless device for which it is specified.

What are SAMSUNG's obligations?

During the applicable warranty period, provided the Product is returned in accordance with the terms of this Limited Warranty, SAMSUNG will repair or replace the Product, at SAMSUNG's sole option, without charge. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product, or may replace the Product with a rebuilt, reconditioned or new Product.

Repaired/replaced cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Products will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for ninety (90) days, whichever is longer. All replaced Products, parts, components, boards and equipment shall become the property of SAMSUNG. Except to any extent expressly allowed by applicable law, transfer or assignment of this Limited Warranty is prohibited.

What must you do to obtain warranty service?

To obtain service under this Limited Warranty, you must return the Product to an authorized mobile wireless device service facility in an adequate container for shipping, accompanied by the sales receipt or comparable proof of sale showing the original date of purchase, the serial number of the Product and the seller's name and address.

To obtain assistance on where to deliver the Product, please call SAMSUNG Customer Care at 1-888-987-4357. If SAMSUNG determines that any Product is not covered by this Limited Warranty, you must pay all parts, shipping, and labor charges for the repair or return of such Product.

You should keep a separate backup copy of any contents of the Product before delivering the Product to SAMSUNG for warranty service, as some or all of the contents may be deleted or reformatted during the course of warranty service.

What are the limits on SAMSUNG's liability?

THIS LIMITED WARRANTY SETS OUT THE FULL EXTENT OF SAMSUNG'S RESPONSIBILITIES, AND THE EXCLUSIVE REMEDY REGARDING THE PRODUCTS.

ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. IN NO EVENT SHALL SAMSUNG BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT OR FOR, WITHOUT LIMITATION, COMMERCIAL LOSS OF ANY SORT; LOSS OF USE, TIME, DATA, REPUTATION, OPPORTUNITY, GOODWILL, PROFITS OR SAVINGS; INCONVENIENCE; INCIDENTAL, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES; OR DAMAGES ARISING FROM THE USE OR INABILITY TO USE THE PRODUCT. SOME STATES AND JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, OR THE DISCLAIMER OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS AND DISCLAIMERS MAY NOT APPLY TO YOU.

SAMSUNG MAKES NO WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, AS TO THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE OR SUITABILITY OF ANY THIRD-PARTY SOFTWARE OR EQUIPMENT USED IN CONJUNCTION WITH THE PRODUCT, OR THE ABILITY TO INTEGRATE ANY SUCH SOFTWARE OR EQUIPMENT WITH THE PRODUCT, WHETHER SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT IS INCLUDED WITH THE PRODUCT DISTRIBUTED BY SAMSUNG OR OTHERWISE. RESPONSIBILITY FOR THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE AND SUITABILITY OF ANY SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT RESTS SOLELY WITH THE USER AND THE DIRECT VENDOR, OWNER OR SUPPLIER OF SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT.

Nothing in the Product instructions or information shall be construed to create an express warranty of any kind with respect to the Products. No agent, employee, dealer, representative or reseller is authorized to modify or extend this Limited Warranty or to make binding representations or claims, whether in advertising, presentations or otherwise, on behalf of SAMSUNG regarding the Products or this Limited Warranty.

This Limited Warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

What is the procedure for resolving disputes?

ALL DISPUTES WITH SAMSUNG ARISING IN ANY WAY FROM THIS LIMITED WARRANTY OR THE SALE, CONDITION OR PERFORMANCE OF THE PRODUCTS SHALL BE RESOLVED EXCLUSIVELY THROUGH FINAL AND BINDING ARBITRATION, AND NOT BY A COURT OR JURY.

Any such dispute shall not be combined or consolidated with a dispute involving any other person's or entity's Product or claim, and specifically, without limitation of the foregoing, shall not under any circumstances proceed as part of a class action. The arbitration shall be conducted before a single arbitrator, whose award may not exceed, in form or amount, the relief allowed by the applicable law. The arbitration shall be conducted according to the American Arbitration Association (AAA) Commercial Arbitration Rules applicable to consumer disputes. This arbitration provision is entered pursuant to the Federal Arbitration Act. The laws of the State of Texas, without reference to its choice of laws principles, shall govern the interpretation of the Limited Warranty and all disputes that are subject to this arbitration provision. The arbitrator shall decide all issues of interpretation and application of this arbitration provision and the Limited Warranty.

For any arbitration in which your total damage claims, exclusive of attorney fees and expert witness fees, are $5,000.00 or less ("Small Claim"), the arbitrator may, if you prevail, award your reasonable attorney fees, expert witness fees and costs as part of any award, but may not grant SAMSUNG its attorney fees, expert witness fees or costs unless it is determined that the claim was brought in bad faith. In a Small Claim case, you shall be required to pay no more than half of the total administrative, facility and arbitrator fees, or $50.00 of such fees, whichever is less, and SAMSUNG shall pay the remainder of such fees. Administrative, facility and arbitrator fees for arbitrations in which your total damage claims, exclusive of attorney fees and expert witness fees, exceed $5,000.00 ("Large Claim") shall be determined according to AAA rules. In a Large Claim case, the arbitrator may grant to the prevailing party, or apportion among the parties, reasonable attorney fees, expert witness fees and costs. Judgment may be entered on the arbitrator's award in any court of competent jurisdiction.

This arbitration provision also applies to claims against SAMSUNG's employees, representatives and affiliates if any such claim arises from the Product's sale, condition or performance.

You may opt out of this dispute resolution procedure by providing notice to SAMSUNG no later than 30 calendar days from the date of the first consumer purchaser's purchase of the Product. To opt out, you must send notice by e-mail to optout@sta.samsung.com, with the subject line: "Arbitration Opt Out." You must include in the opt out e-mail (a) your name and address; (b) the date on which the Product was purchased; (c) the Product model name or model number; and (d) the IMEI or MEID or Serial Number, as applicable, if you have it (the IMEI or MEID or Serial Number can be found (i) on the Product box; (ii) on the Product information screen, which can be found under "Home;" (iii) on a label on the back of the Product beneath the battery, if the battery is removable; and (iv) on the outside of the Product if the battery is not removable). Alternatively, you may opt out by calling 1-888-987-4357 no later than 30 calendar days from the date of the first consumer purchaser's purchase of the Product and providing the same information. These are the only two forms of notice that will be effective to opt out of this dispute resolution procedure. Opting out of this dispute resolution procedure will not affect the coverage of the Limited Warranty in any way, and you will continue to enjoy the benefits of the Limited Warranty.

Severability

If any portion of this Limited Warranty is held to be illegal or unenforceable, such partial illegality or unenforceability shall not affect the enforceability of the remainder of the Limited Warranty.

Precautions for Transfer and Disposal

If data stored on this device is deleted or reformatted using the standard methods, the data only appears to be removed on a superficial level, and it may be possible for someone to retrieve and reuse the data by means of special software.

To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the **Samsung Customer Care Center** for details.

Important! Please provide warranty information (proof of purchase) to Samsung's Customer Care Center in order to provide this service at no charge. If the warranty has expired on the device, charges may apply.

Samsung Telecommunications America, LLC
1301 E. Lookout Drive
Richardson, Texas 75082
Phone: 1-800-SAMSUNG
Phone: 1-888-987-HELP (4357)

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